

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKewed/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	20	709/249.ccls. and (qos or qualit\$4) and ATM and guarantee\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:33
2	103	QOS near10 statistic\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
3	7	QOS near10 statistic\$4 and 370/235.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
4	0	QOS near10 statistic\$4 and 370/395.5.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
5	40	(dynamic\$5 near10 qos) near10 traffic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
8	66	guarantee\$4 near10 (QOS or qualit\$3 near3 servic\$3) near10 ATM\$1 near10 (monitor\$4 traffic load\$1) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
6	14	LAN near10 ATM near10 (qualit\$4 or QOS) and adjust\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
7	4	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 statistic\$5 and ATM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
9	39	LAN near10 ATM near10 (qualit\$4 or QOS)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
10	6	guarantee\$4 near10 (QOS or qualit\$3 near3 servic\$3) near10 ATM\$1 near10 based. near10 (monitor\$4 traffic load\$1) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/06 08:34
-	242290	(qualit\$4 or QOS) and adjust\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/17 10:44
-	10426	(qualit\$4 or QOS) near5 adjust\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/17 10:48
-	105	dynamic\$5 near10 qos	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/17 13:56
-	1	"4933846".PN.	USPAT	2002/10/18 09:16
-	1	"5557783".PN.	USPAT	2002/10/18 09:16
-	0	determin\$6 near10 (qos or (qualit\$4 near3 service\$1)) near10 (statistic or traffic) near10 LAN	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/18 09:38
-	83	determin\$6 near10 (qos or (qualit\$4 near3 service\$1)) near10 (statistic or traffic)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/18 09:48

-	73	(connect\$4 or interconnect\$4 or interopera\$7) adj10 (LAN near10 ATM) and ((qualit\$4 near3 service\$1) or qos)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/18 11:30
-	13	(SLA or (service near3 level near3 agreement\$1)) near5 traffic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/18 11:40
-	17	(SLA or (service near3 level near3 agreement\$1)) near10 (traffic)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/18 14:31
-	2	"09331360"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/18 13:21
-	10	(qualit\$4 or QOS) near10 adjust\$4 near10 ATM	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/22 13:17
-	10	(connect\$4 near10 LAN near10 ATM) and 709/249.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/22 13:17
-	16	(inter and network and repeater).ti.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/22 13:17
-	1	qos near10 LAN near10 statistic\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/22 13:17
-	29	709/249.ccls. and (qos or qualit\$4) and ATM	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/22 13:17
-	1	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 based near10 statistic\$5 and ATM.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 09:47
-	1	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 based near10 statistic\$5 and ATM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 09:47
-	1	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 based near10 statistic\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 09:54
-	10	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 statistic\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 09:47
-	2	6459682.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 09:53
-	7	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 based near10 (load\$1 traffic) and ATM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 09:54
-	24	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 based near10 (load\$1 traffic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 10:06

-	2	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 based near10 (load\$1 traffic monitor\$4) and ATM and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 10:09
-	8	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 based near10 (load\$1 traffic monitor\$4) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 10:13
-	170	guarantee\$4 near10 (QOS or qualit\$3 near3 servic\$3) near10 ATM\$1 and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 10:14
-	0	measur\$4 near10 traffic near10 (LAN IP) near10 (set setting) near10 ((qualit\$4 near5 servic\$3) or QoS) near10 ATM	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 10:21
-	0	measur\$4 near10 traffic near10 (LAN IP) near10 (set setting) near10 ((qualit\$4 near5 servic\$3) or QoS)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 10:21
-	0	measur\$4 near10 traffic near10 (LAN IP) and 709/249.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 10:22
-	2	measur\$4 near10 traffic near10 (LAN IP) and 709/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 10:22
-	44	measur\$4 near10 traffic near10 (LAN IP)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 10:23
-	30	measur\$4 near10 traffic near10 (LAN IP) and @ad<19990601	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 10:23
-	3	measur\$4 near10 traffic near10 (LAN IP) near10 ATM and @ad<19990601	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 10:26
-	9	measur\$4 near10 traffic near10 (LAN IP) and ATM and @ad<19990601	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/03 09:28
-	35	370/401.ccls. and LAN near10 ATM and statistic\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:22
-	31	370/401.ccls. and LAN near10 ATM and statistic\$4 and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:24
-	13	709/249.ccls. and LAN near10 ATM and statistic\$4 and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:26
-	7	709/250.ccls. and LAN near10 ATM and statistic\$4 and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:28

-	13	709/250.ccls. and measur\$4 and statistic\$4 near10 (network\$4 LAN\$1) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:42
-	23	709/\$.ccls. and ((measur\$4 statistic\$4) near10 (QoS qualit\$4 near5 servic\$4)) near10 (network\$4 LAN\$1) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:46
-	71	709/\$.ccls. and (set\$2 setting) near10 (qos qualit\$4 near5 servic\$4) near10 (network\$4 LAN\$1) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:52
-	3	709/\$.ccls. and (set\$2 setting) near10 (qos qualit\$4 near5 servic\$4) near10 (measur\$4 statistic\$4) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:54
-	18	709/\$.ccls. and (set\$2 setting) near10 (qos qualit\$4 near5 servic\$4) near10 (guarante\$6) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:56
-	0	709/\$.ccls. and (set\$2 setting) near10 (qos qualit\$4 near5 servic\$4) near10 (guarante\$6) near10 (measur\$4 statistic\$4) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:56
-	1	(370/\$.ccls. 709/\$.ccls.) and (set\$2 setting) near10 (qos qualit\$4 near5 servic\$4) near10 (guarante\$6) near10 (measur\$4 statistic\$4) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 08:57
-	34	(370/\$.ccls. 709/\$.ccls.) and (qos qualit\$4 near5 servic\$4) near10 (guarante\$6) near10 (measur\$4 statistic\$4) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 09:00
-	14	(370/\$.ccls. 709/\$.ccls.) and (qos qualit\$4 near5 servic\$4) near10 (guarante\$6) near10 (measur\$4) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 09:01
-	62	(370/\$.ccls. 709/\$.ccls.) and (qos qualit\$4 near5 servic\$4) near10 (guarante\$6) near10 (determin\$6) and @ad<20000110	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 09:02
-	13	(map mapping) near10 QOS near10 ATM and @ad<19990601	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 09:27
-	0	709/249.ccls. and (qos near10 LAN near10 statistic\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:33
-	0	(SLA or (service near3 level near3 agreement\$1)) near10 (traffic near3 volume)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:33
-	9	(dynamic\$5 near10 qos) near10 ATM	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:33
-	21	(dynamic\$5 near10 qos) near traffic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:34

-	0	internetwork\$4 near10 LAN near10 ATM near10 (qualit\$4 or QOS)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:34
-	7	(set setting) near10 (QoS or qualit\$3 adj1 servic\$2) near10 guarantee\$4 near10 ATM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:34
-	37	(traffic near3 volume) near10 LAN	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:34
-	368	(connect\$4 or interconnect\$4 or interopera\$7) adj10 (LAN near10 ATM)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/04/06 10:34